

ABSTRACT OF THE INVENTION

A system for reducing the residual image effect of a liquid crystal display after turned off is described, which includes a timing controller, a source driver, a gate driver, and a plurality of thin film transistors on the panel of the liquid crystal display. The system first transmits an image signal to the panel of the liquid crystal display by means of the timing controller in a period of time from when a backlight of the liquid crystal display is turned off to when an image data transmission is turned off. The system then transmits a control signal to the gate driver through the timing controller to turn on all the thin film transistors during a period of time from when the image data transmission is turned off to when the power to the liquid crystal display is turned off. Therefore, residual electric charges in the thin film transistors are discharged rapidly via a plurality of source lines of the source driver, and the residual image effect is consequently diminished.